ORCiD

Connecting Research
and Researchers

Public Access and Persistent Identifiers
NUFO Annual Meeting, LLNL, Livermore CA 15 June 2016

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ORCID
Connecting Research
and Researchers

"Researchers want to be read, acknowledged, and quoted."

"Researchers want to spend their time on research, not reporting"

Names are Messy

orcid.org

Can names be cleaned up?

Of course they can!

We need to use *digital names*:

persistent identifiers that uniquely specify the person, organization, or object to which a name refers

ORCID

Connecting Research
and Researchers

ORCID's vision is a world where
all who participate in research, scholarship, and
innovation are uniquely identified
and connected to their contributions and
affiliations across time, disciplines, and borders.

✔ **Plumbing for research information**

✔ **Tools to build trust in digital information**

Persistent digital identifiers to distinguish researchers from each other

Member-built integrations that connect researchers and their activities/affiliations

A hub for synchronizing machine-readable connections between identifiers for people, organizations, and research activities

orcid.org

ORCID
Connecting Research
and Researchers

- Non-proprietary and platform-neutral

- International service that integrates with other researcher identifiers

- Registry use is free for individuals

- Independent non-profit membership organization

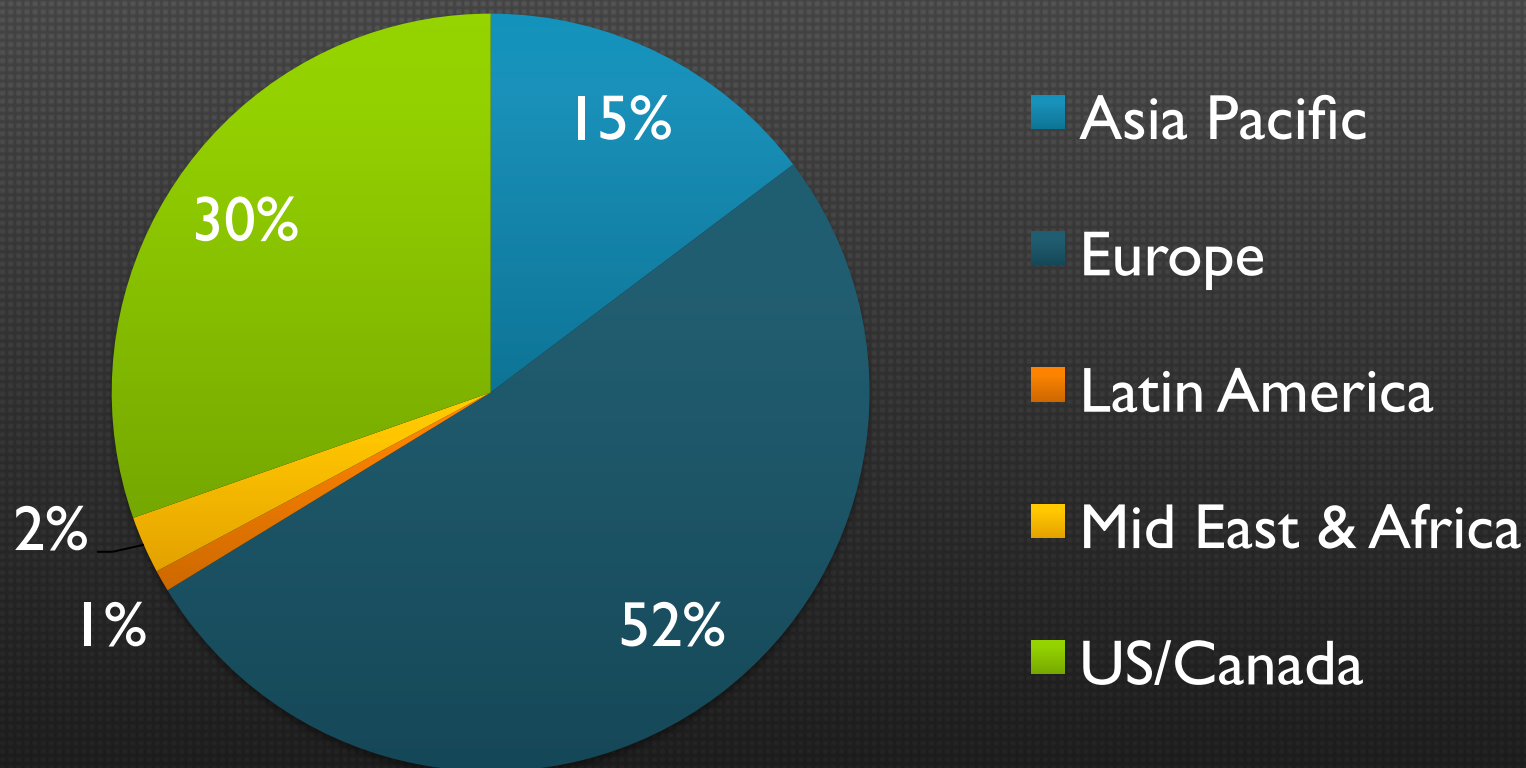- Open data, software, APIs, and documentation

Organizations are use ORCID APIs to authenticate, collect, display, and connect persistent identifiers for people, places, and things in research workflows
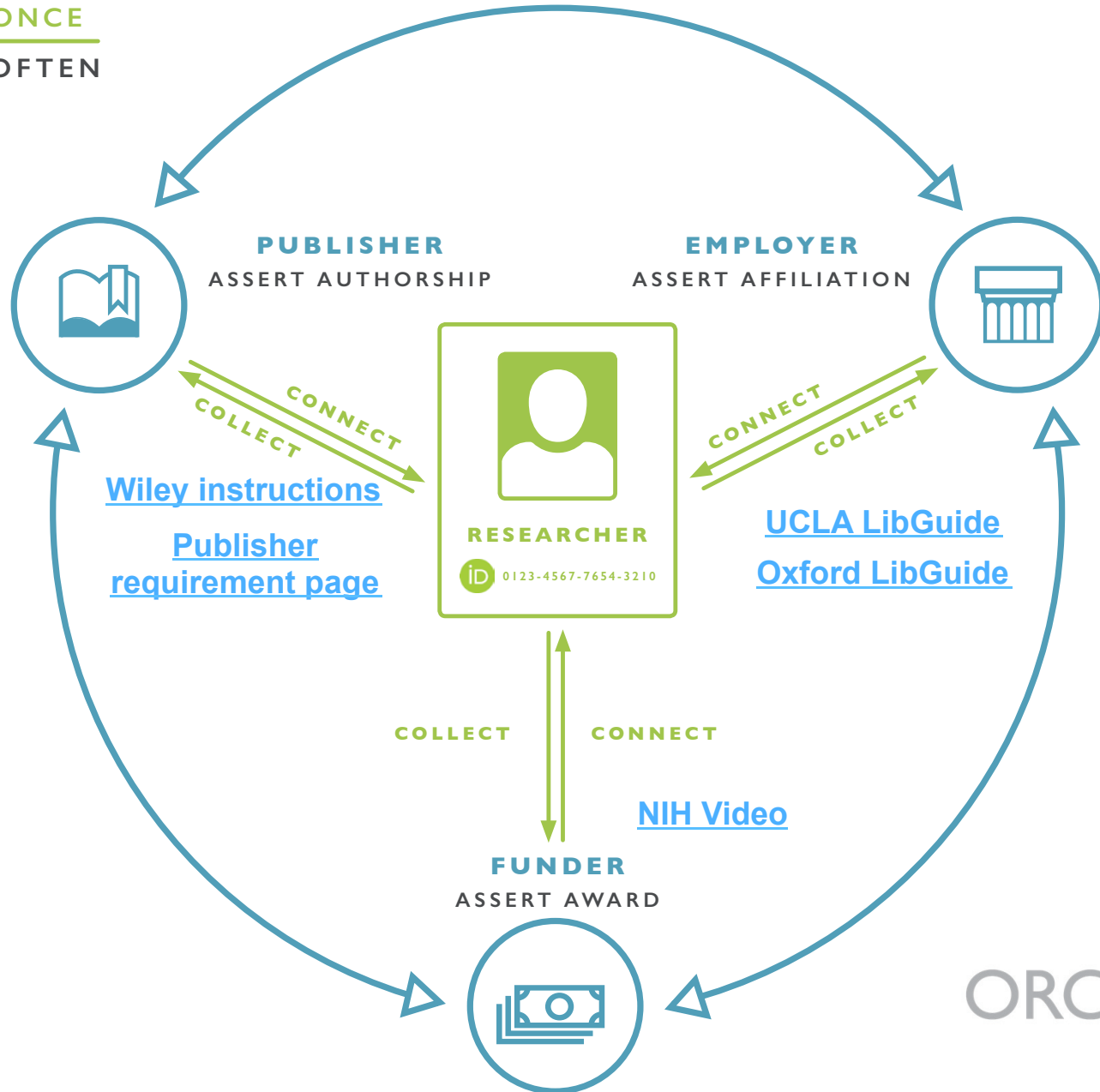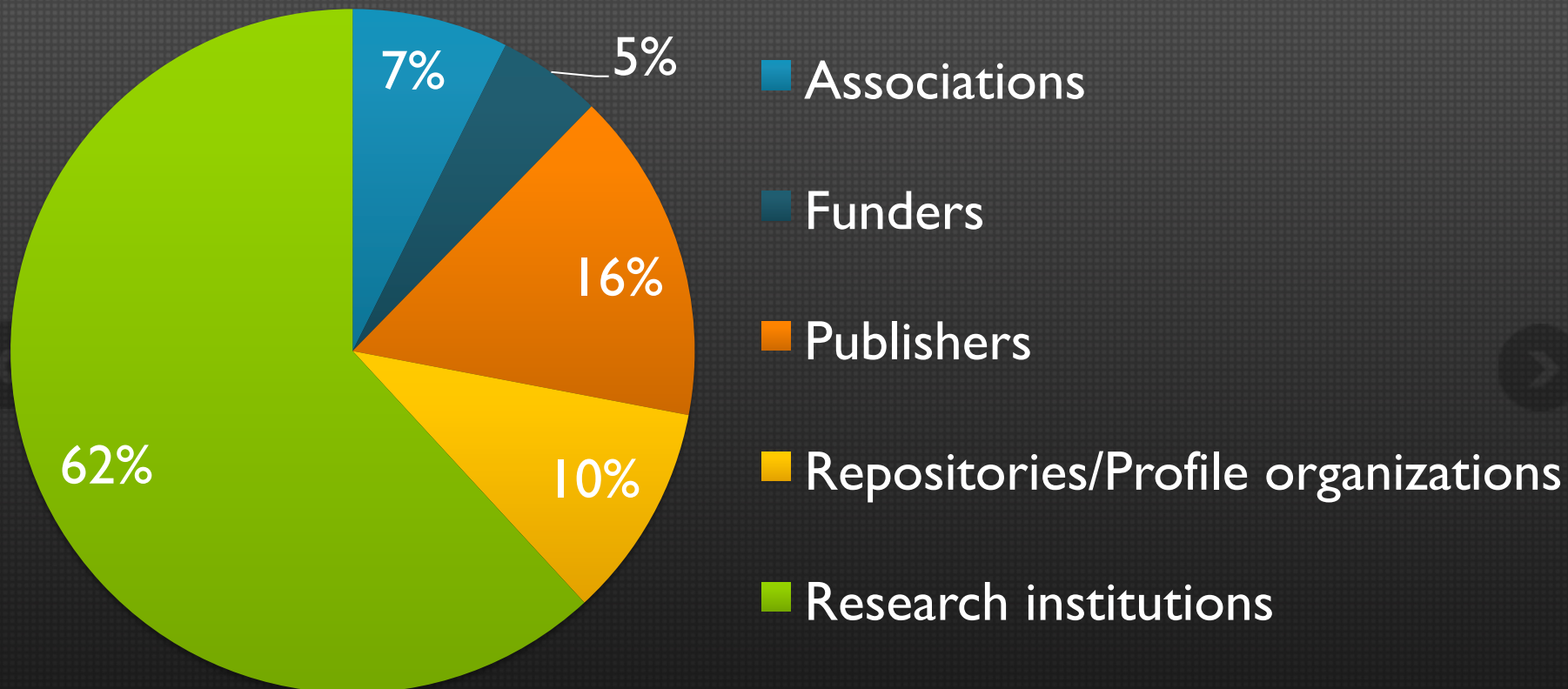
Integrations by region

Pie chart:
- Asia Pacific: 15%
- Europe: 52%
- Latin America: 1%
- Mid East & Africa: 2%
- US/Canada: 30%

INTEROPERABILITY

ENTER ONCE
REUSE OFTEN

PUBLISHER
ASSERT AUTHORSHIP

EMPLOYER
ASSERT AFFILIATION

CONNECT
COLLECT

CONNECT
COLLECT

Wiley instructions

Publisher requirement page

UCLA LibGuide
Oxford LibGuide

RESEARCHER
iD 0123-4567-7654-3210

COLLECT   CONNECT

NIH Video

FUNDER
ASSERT AWARD

ORCiD
Connecting Research and Researchers

Integrations by sector

- 🟦 Associations — 7%
- 🟦 Funders — 5%
- 🟧 Publishers — 16%
- 🟨 Repositories/Profile organizations — 10%
- 🟩 Research institutions — 62%

- Request permission 🔘 during onboarding / thesis submission / RIMS update / institutional login
- Collect identifier
- Display in internal systems iD
- Assert relationship in ORCID record
- Information available to researcher to reuse in external systems

Click the green button to get an 'ORCID at Oxford'

You can **create new** or **connect existing** ORCIDs with the university this way. Use the How to register tab of this guide for step-by-step help.

ORCID is increasingly becoming the method of choice by funders and publishers globally to unambiguously link people to their publications and grants.

The Wellcome Trust and NIHR now require ORCIDs in grant applications.

Your ORCID record is owned and managed solely by you, not the University.

http://ox.libguides.com/orcid

Sally Rumsey

ORCID ID
iD orcid.org/0000-0002-2229-0999

∨ Employment (1)

University of Oxford: Oxford, Oxfordshire, United Kingdom
(Bodleian Digital Library Systems and Services)

Source: ORCID Integration at the University of Oxford   Created: 2015-05-05

Funding organizations

- Request permission 👆 during grant application
- Collect identifier ⬇
- Display in internal systems iD
- Assert funding in ORCID record ⚛
- Information available to researcher to reuse in external systems 🔄

Science Grants System

🏠 Profile   Applications

Welcome to the Autism Speaks Science Grants System. Please take a moment to confirm your personal information for our records. If you have not signed up already, click here to receive email notifications of new RFAs.

Open Researcher Contributor ID (ORCID)

ORCID provides
Autism Speaks
applications to
encouraged to

iD Create or au

Carrie Jones

ORCID ID
iD orcid.org/0000-0002-1287-9839

∨ **Funding (1)**

Jones Lab Collaboration with the Autism Speaks (PACT)
Autism Speaks (New York, NY, United States)
2014-10 to 2016-09 | Award
Award number: **9489**
Alternate URL: science.grants.autismspeaks.org/search/grants/jones-lab-collaboration-autism-speaks

Source: Autism Speaks Grants System   ☑ Preferred source

National funding agencies are using ORCID in their grants management systems including the National Institutes of Health, Research Councils UK and the Australian Research Council.

Box 2. Funder Mandates. These funders are requiring use of ORCID by researchers.

- **Autism Speaks**, USA (2014)
- **FCT**, Portugal (2014)
- **QNRF**, Qatar (2014)
- **SRC**, Sweden (2014)
- **Department of Transportation**, US (2015)
- **NIHR**, UK (2015)
- **Wellcome Trust**, UK (2015)
- **FWF**, Austria (2016)

http://orcid.org/blog/2015/12/04/research-funders-and-orcid-new-members-mandates-and-platforms

- Request permission 👆 during publishing process (data, articles, monographs, performances, compositions, peer reviews, etc.)
- Collect identifier ⬇
- Display in internal systems and/or published work iD
- Assert contribution in ORCID record
- Information available to researcher to reuse in external systems 🔄

authors & referees

Personal profile | Professional profile

My Account → Personal Profile

Reset

(* = mandatory fields)

iD **ORCID**	**Create/link an Open Researcher Contributor ID(ORCID)** ?
Title	
* First Name	
Middle Name	
* Last Name	Garcia
* Primary Email Address	s.garcia@orcid.org

⌄ **Education (0)**
You haven't added any education, **add some now**

⌄ **Employment (0)** +
You haven't added any employment, **add some now**

⌄ **Funding (0)**
You haven't added any funding, **add some now**

⌄ **Works (1)** + Add work

ORCID: Unique Identifiers for Authors and Contributors : Nature
2015 | journal-article
DOI: 10.38889/orcid998

SOURCE: Nature   CREATED: 2015-01-20   ☑ Preferred source

Publishers requiring ORCID iDs:

Science
EMBO
PLOS
Royal Society
ACS
eLIFE
Hindawi
IEEE
AGU

From January you'll need an ORCID

7 December 2015 by Phil Hurst

Mandating the use of Open Researcher and Contributor ID (ORCID) by submitting authors.

ORCID provides a unique identifier for all researchers that can be linked to their different research works and activities across multiple platforms. It also serves to distinguish authors with similar names and simplify searching of publications databases (such as PubMed, Scopus, etc.) to avoid retrieving articles by authors with similar names. Close to 1.8 million researchers have already created their ORCID iD. The service is non-profit and community driven.
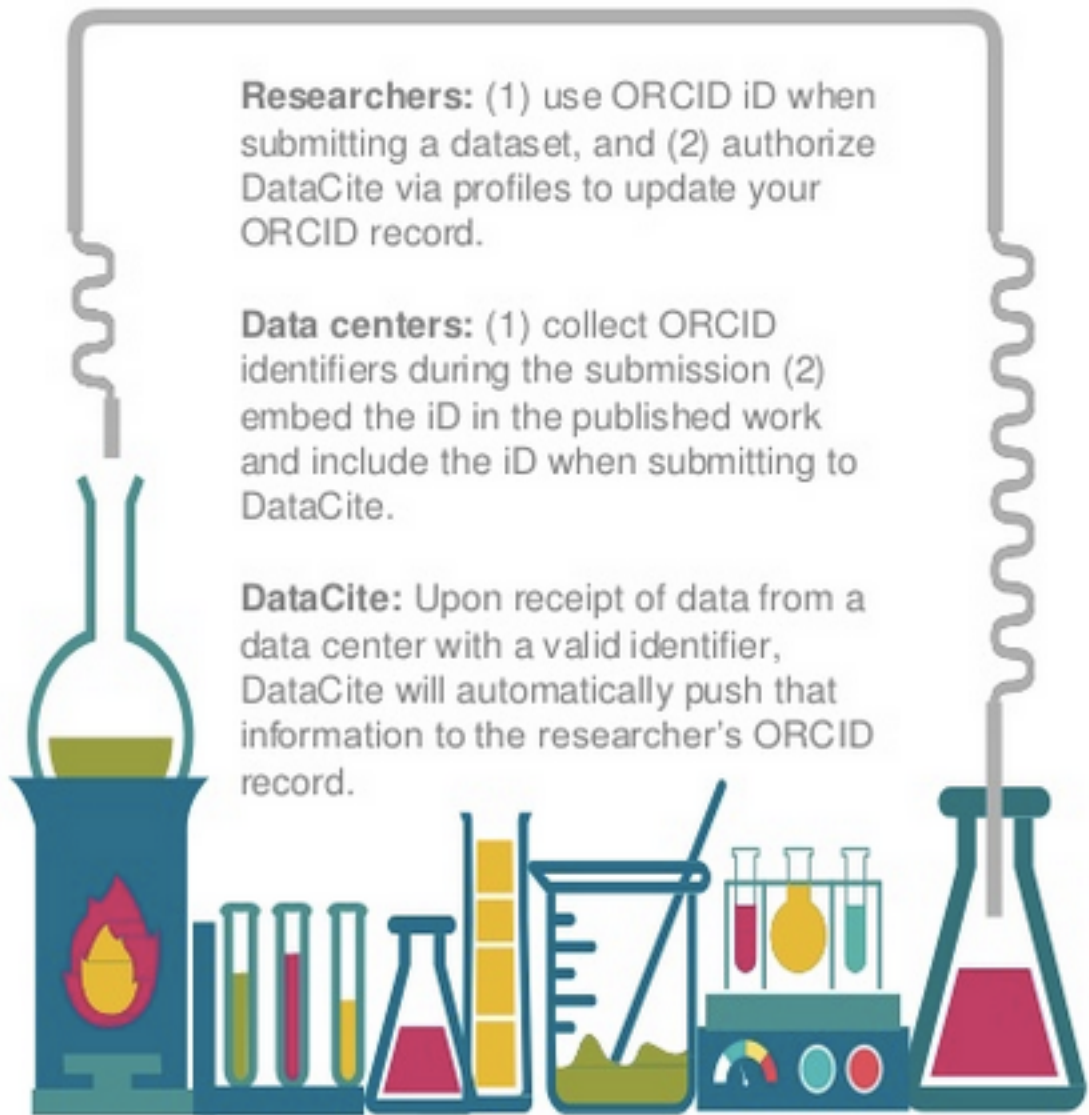
From 1 January 2016, we will require the submitting author to provide an ORCID identifier as part of the manuscript submission process. Details of the practicalities will be provided shortly, but don't worry, it takes less than a minute to register for an ORCID iD and it's free of charge. A recent survey carried out by ORCID indicates strong support in the research community for mandates by publishers, funders, and universities.
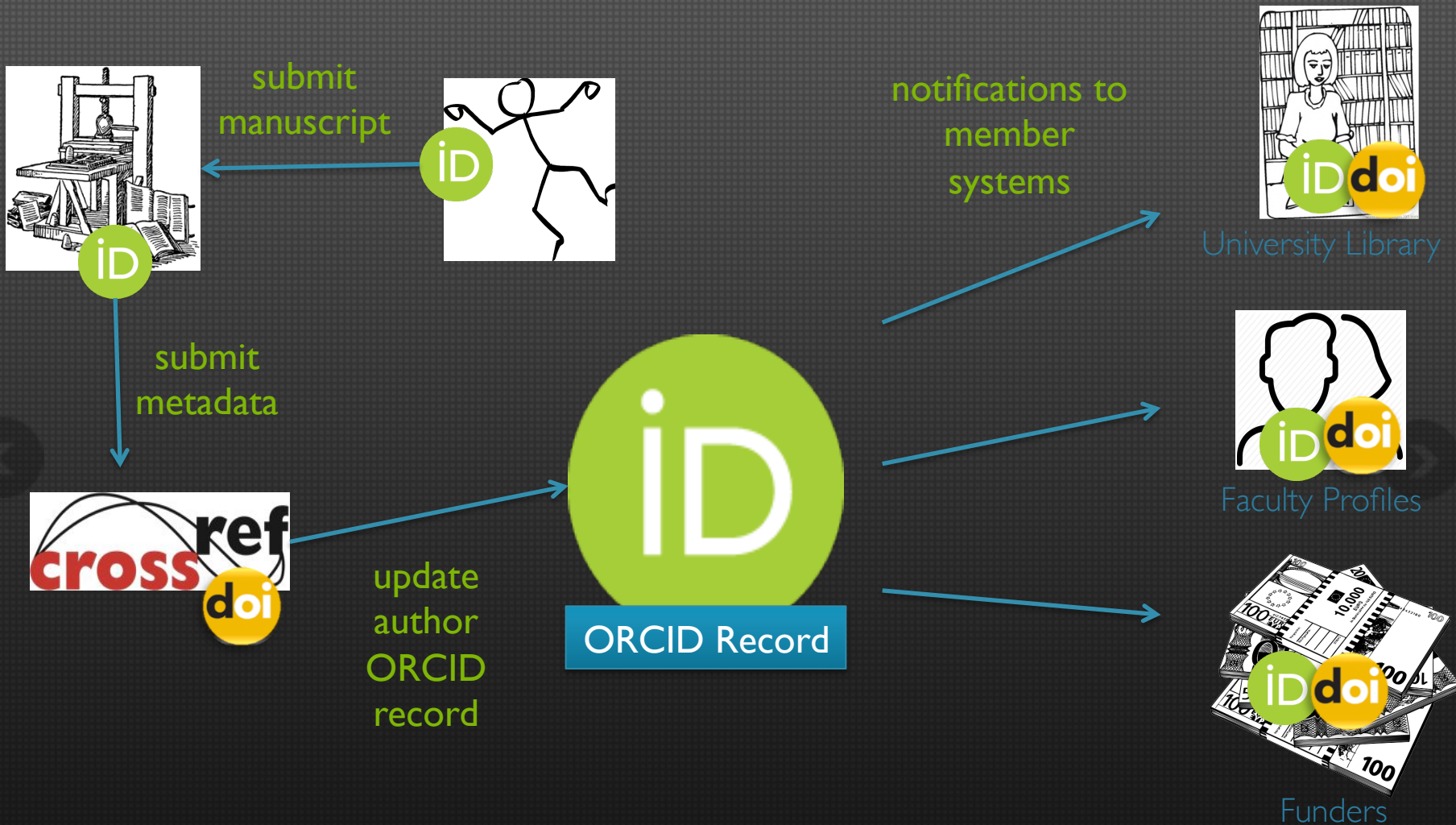
DataCite's auto-update steps

Researchers: (1) use ORCID iD when submitting a dataset, and (2) authorize DataCite via profiles to update your ORCID record.

Data centers: (1) collect ORCID identifiers during the submission (2) embed the iD in the published work and include the iD when submitting to DataCite.

DataCite: Upon receipt of data from a data center with a valid identifier, DataCite will automatically push that information to the researcher's ORCID record.

People and Things

submit manuscript

submit metadata

update author ORCID record

ORCID Record

notifications to member systems

University Library

Faculty Profiles

Funders

orcid.org

http://crosstech.crossref.org/2015/09/orcid-auto-update.html

There are now 5m @webofscience records with associated @ORCID_Org iDs! #ORCID15

DEMO VIDEO

11:08pm · 3 Nov 2015 · Twitter for iPhone

And @ElsevierConnect have c3m records with links to @ORCID_Org! #ORCID15

DEMO VIDEO

11:13pm · 3 Nov 2015 · Twitter for iPhone

ImpactStory from your ORCID ID!

Did you hear? ORCID is now live!

ORCID is an international, interdisciplinary, open, nonprofit initiative to address **author name disambiguation**. Anyone can register for an ORCID ID, then associate their publications with their record using CrossRef and Scopus importers. This community system of researcher IDs promises to streamline funding and scholarly communication.

ImpactStory is an enthusiastic ORCID Launch Partner. Once your publications are associated with an ORCID record, **it is very easy to pull them into an ImpactStory report**:

- Just enter your ORCID ID (for example, *0000-0001-5109-3700* for Laurel Haak's ORCID record) at the top of the ImpactStory create collection page. We'll import the public publication Works associated with your ORCID record.

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Read this blog via email or RSS

About Impactstory

Impactstory is a non-profit that helps scientists learn where their research is being cited, shared, saved and more. Discover your impact today.

DEMONSTRATION

To benefit, researchers need only do 2 things:

① Register for an iD
② Use it!

Over 2.3 million researchers have registered for an ORCID identifier.

ORCID iDs are associated with:
- >6 million unique DOIs (papers & data)
- >50 thousand unique organization IDs

orcid.org

The ability to uniquely identify contributors is a deceptively simple concept which, if realised, could enable forms of real-time understanding of scientific research that up to now have been extremely costly (if not impossible).

--Jonathan Kram, Wellcome Trust